

S/072/62/000/011/001/001
B101/B186

AUTHORS: Slavyanskiy, V. T., Candidate of Chemical Sciences,
Krestnikova, Ye. N., Engineer, Boreyko, V. M., Engineer

TITLE: A new method of measuring glass viscosities in the 10^5 to 10^{14} poise range

PERIODICAL: Steklo i keramika, no. 11, 1962, 18 - 22

TEXT: Reference is made to the inadequacy of measuring the viscosity of glass by stretching a heated glass rod. Even deviations of 0.02 - 0.03 mm in a 1-mm rod cause errors of measurement reaching 4-6 %. In glass of low viscosity, extension sets in before the glass has reached furnace temperature. No reliable method has existed for the 10^5 to 10^7 poise range.

Therefore, a new method of measuring the viscosity in the 10^5 - 10^{14} poise range is suggested which depends on submerging a loaded cylindrical rod into the heated glass. Tests on an experimental model showed that the depth of penetration is a linear function of time. On the basis of these findings several viscometers were constructed, comprising an electric furnace with thermostatic control containing a crucible made of graphite or

Card 1/3

A new method of measuring glass ...

S/072/62/000/011/001/001
B101/B186

gold, the latter intended for measurements in the 10^5 - 10^7 poise range. The glass specimen, a plane disc not less than 3 mm thick, is melted in the crucible and a rod of 1 mm diameter is forced into it by direct loading. The rod is off-centre with respect to the crucible so that several measurements can be carried out on the same specimen by rotating it through 45° . Using a microscope the depth of penetration is read off a scale; the time is measured with a stopwatch and the velocity is calculated. For viscosities up to 10^{12} poises, measurement takes 5 - 15 min; higher viscosities need 30 - 40 min. It is sufficient to read off depths of penetration of 0.8 - 1 mm. At viscosities below 10^{11} poises, penetration immediately takes place at constant velocity. At higher viscosities, the elasticity of the glass causes the velocity of penetration to follow a curve at first, and it does not become linear till later. The non-linear section, and the duration of the measurement, can be shortened by heavier loading. The viscometer was calibrated with optical glasses, and the diagram $\log \eta$ versus penetration rate (μ/min) was plotted for loads of 50 to 2000 g. Calibrations and measurements in the present investigation covered the $10^{8.5} - 10^{12}$ poise range. Using smaller loads, the range of measurement

Card 2/3

ACC NR: AP7005414

SOURCE CODE: UR/0072/66/000/011/0008/0012

AUTHORS: Slavyanskiy, V. T. (Doctor of chemical sciences); Aleksandrova, L. V. (Engineer)

ORG: none

TITLE: Interaction between glass and foam-generating materials during foaming

SOURCE: Steklo i keramika, no. 11, 1966, 8-12

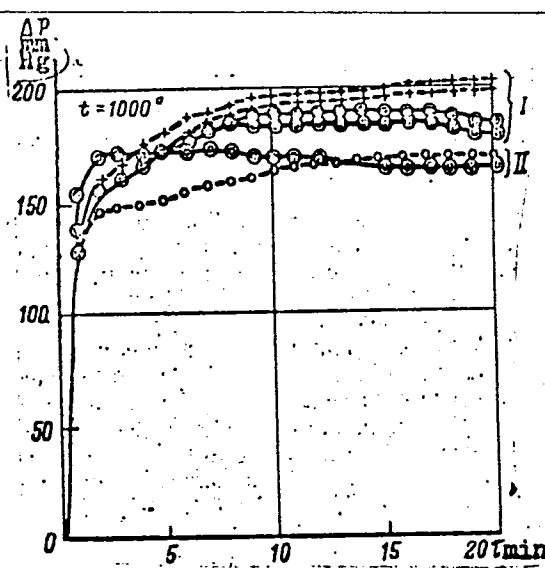
TOPIC TAGS: FOAMED GLASS, SILICON CARBIDE, CALCIUM CARBONATE,
glass, glass product, silicon containing compound, calcium containing
compound / K17 glass

ABSTRACT: The formation of foam glass was studied. The study supplements the results of V. T. Slavyanskiy, Ye. N. Krestnikova, and N. V. Romanova (Geliotekhnika, AN Uzbakskoy SSR, 1966, No. 2). The experimental technique consisted of determining the pressure in a closed system. The interaction of sheet and optical alkali-boro-silicate glass K17 with additions of calcium carbonate and silicon carbide was studied. The experimental results are shown graphically (see Fig. 1). It was found that the foaming observed during the interaction between glass powder and silicon carbide is mainly due to the reaction of sulfates contained in the glass with the silicon carbide. In the absence of SO_3 , foaming is determined by the reaction of

Card 1/2

UDC: 666.1.031.13:66.046.594

ACC NR: AP7005414



silicon carbide with water vapor. Orig. art. has: 7 graphs and 4 equations.

SUB CODE: 11/

SUBM DATE: none/

ORIG REF: 003/

OTH REF: 001

Card 2/2

SLAVYUNAS, V. I.

"Litovskiye narodnye trudovye nesni 'sutartines'."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences,
Moscow, 3-10 Aug 64.

POLAND

KUBICKI, Stefan, KARLINSKA, Anna and SLAW, Jan; Division of Internal Diseases (Oddzial Chorob Wewnetrznych), of the Central Clinical Hospital (Centralny Szpital Kliniczny) of MSW (Ministerstwo Szkolnictwa Wyzszeego -- Ministry of Higher Education) in Warsaw, Director: Prof Dr Med S. KUBICKI and the Institute of Pathological Anatomy (Zaklad Anatomii Patologicznej), MSW Central Clinical Hospital in Warsaw, Director: Prof Dr Med A. KARLINSKA.

"Clinical and Morphological Aspects of Gastrobiopsy"

Warsaw, Polski Tygodnik Lekarski, Vol XVIII, No 9, 25 Feb 1963, pp 321-326.

Abstract: Authors' English summary modified/ Observations on the clinical value of gastroscopy and the occurrence, kind and histogenesis of gastritis are reported. The results of 184 gastrobiopsies performed in 150 patients with diseases of the stomach and of other organs are presented. Attention of the stomach and of other organs are presented. Attention

1/2

SLAWECKI, Henryk; WOJTJIEWICZ, Julian

Tasks and rights of engineers and technicians in work
standardization. Przem chem 41 no.5:229-231. Mj '62.

1. Ministerstwo Przemyslu Chemicznego, Warszawa.

SLAWEK, J.; KOWALSKI, S.; KOZŁOWSKI, K.;

Warfon machine tools at the 28th Poznan International Fair. p. 252.

Mechanik. Warszawa, Poland. Vol. 32, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.
Uncl.

SLAWEK, J.

Country: Poland

Academic Degrees: [not given]

Affiliation: Institute of Inorganic Chemistry of the University
(Institut fuer Anorganische Chemie der Universitaet),
Poznan

Source: Leipzig, Zeitschrift fuer anorganische und allgemeine
Chemie, Vol 311, No 1-2, August 1961, pp 75-78

Data: "The Oxidizing Properties of Complex Catalysts with
Alkaline Earth Carbonate Carriers."

SLAWEK, J.

NAME (in caps); Given Names

COUNTRY: Poland

(1)

Academic Degree: [not given]

Institute of Inorganic Chemistry of the University (Institut fuer anorganische Chemie der Universitaet), Poznan

SOURCE: Leipzig, Zeitschrift fuer anorganische und allgemeine Chemie,
Vol 311, No 1-2, August 1961, pp 79-82

DATE: "The Effect of Infrared Radiation on the Activity of Some
Hydroxide and Oxide Catalysts."

Authors

KRAUSE, Alfons

DONKA, F

SLAWEK, J

138

HOLOBUT, W.; SIAWIK, Z.

Effect of histamine on reflex responses of the carotid sinus. Ann.
Univ. Lublin; sec. D 6 no. 16-22:361-384 1951. (CLML 24:1)

1. Of the Institute of Human Physiology (Head--Prof. Wieslaw Holobut,
M.D.) of Lublin Medical Academy.

HOLOBUT, W.; SIAWIK, Z.

Reflex influence of histamine on Sinus Caroticus. *Acta physiol. polon.*
3 Suppl. 3;174-178 1952. (CLML 24:1)

1. Of the Institute of Human Physiology (Head--Prof. W. Holobut, M.D.)
of Lublin Medical Academy.

BULSKA, Małgorzata; ŚLAWIŃSKA, Danuta; USZYCKA, Krystyna

Value of clinical diagnosis in malignant ovarian tumors. Polaki tygod.
lek. 13 no.33:1280-1283 18 Aug 58.

I. (Z Oddziału Polozniczo-Ginekologicznego Instytutu Gruźlicy i Instytutu Doskonalenia i Specjalizacji Kadry Lekarskiej w Warszawie, kierownik Oddziału; prof. dr M. Bulska; dyrektor Instytutu Gruźlicy; prof. dr Janina Misiewicz; dyrektor I.M. i S.K.L.; prof. dr W. Hartwig) Warszawa,
ul. Orzechowska 3/2.

(OVARIES, neoplasms
clin. diag., value in malignant tumors (Pol))

DIPONT, Marian; SLAWINSKA, Danuta

Latent ruptures of the uterus. Gin.polska 32 no.6:671-679 '61.

1. Z Oddzialu Polozniczo-Ginekologicznego Instytutu Gruzlicy
Dyrektor: prof. dr med. W.Jaroszewicz Kierownik: prof. dr med.
M.Serlni-Bulsko.
(UTERUS dis) (PREGNANCY compl)

RAFALOWICZ, Adam; SZUFLADOWICZ, Roman; SLAWINSKA, Danuta

A case of Addison's disease in pregnancy. Endokr. pol. 13 no.5:
549-554 '62.

1. Oddzial Chorob Wewnetrznych Instytutu Gruzdlicy Kierownik: prof.
dr B. Jochweds Oddzial Ginekologiczno-Pozniczy Instytutu Gruzdlicy
Kierownik: dr med. J. Ruszkowski.
(ADDISON'S DISEASE) (PREGNANCY COMPLICATIONS)

SLAWINSKI, A.

Journal of the Science of
Food and Agriculture
April 1954
Agriculture and Horticulture.

Pasturing pigs in Cieszyn, Silesia. ✓ A. Slawinski (Rocin, Warsaw, Poland, 1953, 66, Pt No. 1, 5-44).—Grazing practices are discussed. Good permanent pasture is very little inferior to lucerne for pig feeding: it provides 50% of the protein requirement of pigs from 40 to 70 kg. live wt. and 80% of that of older pigs.

A. G. POLLARD.



SLAVINSKI, A.

"A percentile index for reserve supplies in road construction." p. 269/
(DROGOWICTWO Vol. 9, No. 11, Nov. 1954. Warszawa, Poland)

SO: MOnthly List of East European Accessions. (EEAL). LG. Vol. 4, No. 4.
April 1955. Uncl.

SLAWECKI, A.

Harmonogram of supplies of materials for road construction. p. 139.
DOKŁADY PCK, Warszawa, Vol. 10, no. 6, June 1955.

SP: Monthly List of East European Accessions, (BEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

SLAWINSKI, A.

Some problems of material management in the departments of traffic of the
presidiums of people's councils. p. 38
(DROGOWNICTWO Vol. 12, No. 2, Feb. 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957 Unclassified

SLAWINSKI, Andrzej

Marginal notes on deep boring in Zakopane. Przegl geol 9 no.8:431-433
Ag '61.

1. Przedsiębiorstwo Państwowe Obsługa Techniczna Uzdrowisk.

SLAVICKI, Miroslaw

The action of ultrasonic vibration on biological systems.
Postepy biochem. 10 no.2:365-377 '64.

SLAWINSKI, Piotr

Effect of ultrasonics on iodine metabolism in the guinea pigs.
Roczn. pom. akad. med. Swierczewski 11:259-282 '65.

1. Z Zakladu Chemii Fizjologicznej Pomorskiej Adademii
Medycznej (Kierownik: dr. Eugeniusz Lempicki).

MIKULSKI, Tadeusz; SLAWINSKI, Piotr

Blood sedimentation under the influence of ultrasounds.
Pol. tyg. lek. 20 no.25:918-920 21 Je '65.

l. z Zakladu Fizyki Lekarskiej Pomorskiej AM w Szczecinie
(Kierownik: dr. inz. Henryk Mikosza) i z Zakladu Chemii
Fizjologicznej Pomorskiej AM w Szczecinie (Kierownik: dr.
Eugeniusz Lempicki).

TROJNACKI, Zdzislaw; SLAWINSKI, Ryszard

The usefulness of simultaneous abdominal and vaginal approach
in the surgical treatment of subserous and submuccus myoma
originating from the vagina. Ginek. Pol. 36 no.9:1045-1046
S '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecyh AM w Lublinie
(Kierownik: prof. dr. med. S. Liebhart).

SLAWINSKI, S.

Some remarks on hydromechanical works in Goczalkowice. p. 79.

GOSPODARKA WOJNA. (Nagrzelnia Organizacja Techniczna) Warszawa, Poland.
Vol. 19, no. 2, Feb. 1959.

Monthly list of East European Accessions Index, (EEAI), LC, Vol. 8, no. 6,
June 1959
unclu.

P.T.A.

Mech + Elec. Engineering

603

621.394 032

Slawinski S., Szmit J. Auto-Alarm Selector.

"Selektor autoalarmu", Przeglad Telekomunikacyjny, No. 8-9,
1950, pp. 250-254, 7 figs.

Description of a device which makes selective reception of
distress signals from ships possible. The device eventually operates
an automatic signalling apparatus.

SLAWINSKI, S.

Influence of the input on stiffness and loading capacity of a system
device. p. 542. ARCHIWUM ELEKTROTECHNIKI. Warszawa. Vol. 4, no. 4,
1955

Source: East European Accessions List, (EEAL), Ic, Vol. 5, No. 3, March, 1956

SLAWINSKI, STANISLAW.

Automatyka. (wyd. 1.)

Warszawa, Poland, Panstwowe Wydawn. Naukowe, 1957. 140 p.

Monthly List of East European Accessions (EEAI) LC. Vol. 3, no. 7, July 1959

Uncl.

Sławinski, S.

POLISH TECHNICAL ABSTRACTS

Vol. 26, Nr. 2, 1957

Sławinski S. Analysis of the Performance of Assymetrical, Multiple and Differential Synchro-Transmission Systems.

"Analiza pracy selsynowych łącz niesymetrycznych wielokrotnych i różnicowych". Archiwum Automatyki i Telemechaniki (PAN), No. 1-2, Warszawa, 1956, PWN, pp. 35-67, 5 figs.

In this paper formulae are derived for the currents and turning torques in two winding assymetrical, multiple and differential synchro-transmission systems. A discussion is developed on the basis of these formulae, concerning the effect of parameters of synchro-systems on the working stiffness and the loading capacity of individual systems.

SLAWINSKI, S.

Influence of the source of ripple voltage upon the output pulse amplitude in a
line-type pulser with direct-current resonant charging. p.271.

(ARCHIWUM ELEKTROTECHNIKI. Vol. 6, No. 2, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Unclassified.

9.4210 (1052)

30572
P/019/61/010/003/003/008
D265/D305

AUTHOR: Skawiński, S.

TITLE: The synthesis of pulse forming networks on the magnetron load

PERIODICAL: Archiwum elektrotechniki, v. 10, no. 3, 1961, 729-742

TEXT: This paper describes a new method of calculating the impulse forming networks by introducing a closer approximation to the magnetron load characteristics than that assumed for the linear resistive load (line b) shown in Fig. 2. This method enables more accurate error estimation, the simplification of the system and broader classification of impulse representation. The method described assumes the magnetron load characteristics to follow the approximate lines as shown in Fig. 2, the impulse of current to assume positive and finite values in the region $0 < t < \bar{T}$, zero values outside this region, and finite number of discontinuities and extreme values. The voltage impulse is assumed of rectangular form on the load side, i.e. $u_o(t) = U_o$ for $0 < t < \bar{T}$ and $u_o(t) = 0$ for $t > \bar{T}$. X

Card 1/7

30572
P/019/61/010/003/008
D265/D305

The synthesis of pulse forming ...

$t \leq 0$ and $t \geq T$. The impulse forming network can only consist of linear elements such that 2 two-port circuits namely series I and parallel II can be eliminated, the network to contain no energy initially. For the above conditions the load in Fig. 3 can be substituted by the emf. as in Fig. 4, thus obtaining the linear equivalent circuit. Making use of the Fourier series and Laplace transformation the final expressions for the admittances $y_1(s)$ and $y_2(s)$ are obtained in

$$y_1(s) = \frac{\pi}{\tau U_0} \sum_{v=1,3,5,\dots}^n \frac{va_v s}{s^2 + \left(v \frac{\pi}{\tau}\right)^2} \quad (9a)$$

and

$$y_2(s) = -\frac{\pi}{\tau U_0} \sum_{v=2,4,6,\dots}^n \frac{va_v s}{s^2 + \left(v \frac{\pi}{\tau}\right)^2} \quad (9b)$$

Card 2/7

P/019/61/010/003/008
30572
D265/D305

The synthesis of pulse forming ...

where the minimum supply voltage to form the impulses is considered, i.e.

$$U_z = 2U_0 \quad . \quad (8)$$

In Eqs. (9a) and (9b) the coefficient

$$a_v = \frac{2}{\tau} \int_0^{\tau} i_0(t) \sin v \frac{E}{U} t dt \quad (3)$$

and $i_0(t)$ are the current pulse generated. The exact value of the error of the approximation in the time domain is expressed in the form of

Card 3/7

30572
 P/019/61/010/003/003/008
 D255/D305

The synthesis of pulse forming ...

$$\mathcal{E} = \int_{-\infty}^{+\infty} \Delta i^2(t) dt = \int_0^{\tau} \Delta i^2(t) dt = \frac{\tau}{2} \sum_{v=1}^{\infty} \left[a_v - (-1)^{v+1} \frac{U_0 \tau}{\pi v} b_v \right]^2 \quad (13)$$

+

and

$$\mathcal{E} = \int_0^{\tau} i^2(t) dt = \frac{\tau}{2} \sum_{v=1}^m a_v'^2 \quad (15)$$

The comparison of the above method with the synthesis based on linear magnetron load is described, and the differences stated: The new method enables pulses to be obtained of finite duration, using forming networks of finite number of elements: for symmetrical impulses the network reduces to branch I only; it is possible to ob-

Card 4/7

30572

P/019/61/010/003/003/008
D265/D305

The synthesis of pulse forming ...

tain impulses containing simultaneously odd and even coefficients a_v and the error of approximation is expressed by a simple formula. The new method enables also impulses to be obtained of various shapes which for linear loading assumption cannot be realized without the internal currents flowing round the network after the pulse is generated. A numerical example is worked out for the admittances of the series and parallel branches of the forming network for triangular impulses. There are 6 figures and 2 non-Soviet-bloc references. The references to the English-language publications read as follows: G. N. Glasoe, J. V. Lebacqz: Pulse generators, New York 1948; E. A. Guillemin: Synthesis of passive networks, New York 1957.

ASSOCIATION: Katedra techniki fal ultrakrótkich politechniki Warszawskiej (Department of Ultra-Short Waves Technology of the Warsaw Polytechnic)

SUBMITTED: February 10, 1961

Card 5/7

The synthesis of pulse forming ...

30572
P/019/61/010/003/008
D265/D305

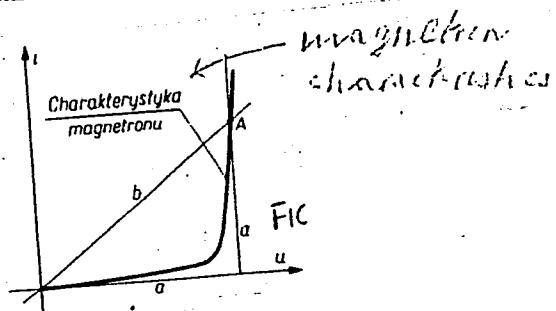


Fig. 2

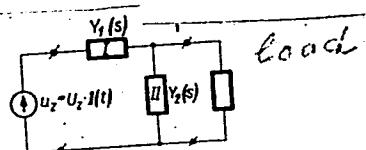


Fig. 3

Card 6/7

30572
P/019/61/010/003/003/008
D265/D305

The synthesis of pulse forming ...

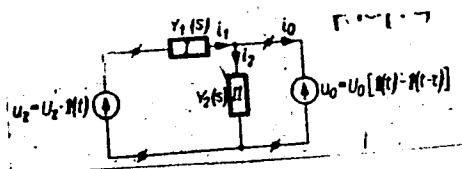


Fig. 4

Card 7/7

37467
S/035/62/000/004/053/056
A001/A101

6.4320

AUTHORS:

Slawiński, S., Holejko, K.

TITLE:

Radio range finder for measuring small distances

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 4, 1962, 39,
abstract 4G237 P (Polish patent, cl. 21 a⁴, 48/62, no. 44,375,
27.04, 61)

TEXT: A radio range finder is patented for measuring distances up to 3 km with an error of $10^{-5} D + 5$ cm. The range finder consists of two radio stations mounted at the ends of the line being measured. The stations operate at the 3-cm band. The two-side ultrashort-wave telephone communication is provided between the station operators. The frequency difference between the station klystron generators is constant and equal to 36 Mc. The basic standard frequency of the system is frequency $f_1 = 15$ Mc, stabilized by quartz at the auxiliary station. At the main station, fluctuations of the carrier frequency are modulated by one of the two frequencies: $f_g = f_1 - 1.5$ kc and $f_d = f_1 + 1.5$ kc. Oscillations of the 1.5-kc frequency are transformed at the auxiliary station into repetition pulses of 3 kc. Upon returning to the main station the series of

Card 1/2

P/012/59/004/03/10/020

AUTHORS: Russocki, M.; Chrząszczewska, A.; Slawiński, T.; Hahn, W. E.TITLE: Synthesis of 1, 6, 8, 2¹, 4¹, 6¹-HexahydroxyphenylfluoronePERIODICAL: Societas Scientiarum Lodziensis Acta Chimica, 1959, Vol 4,
pp 90 - 93TEXT: The scope of the investigation described in this article was
the synthesis of a hitherto not known symmetrical hexahydroxyphenylfluorone
in which all ortho positions, as regards the central carbon, are filled
with hydroxy groups. This goal was achieved by condensation of phloroglucine
aldehyde with phloroglucine in a classical way. The condensation was
carried out by heating these compounds in 50%-alcohol, acidulated with
 H_2SO_4 in the atmosphere of air or carbon dioxide. The output was between
48-66%. The same product, but with lower output and purity, was obtained
by condensation in concentrated sulphuric acid. There are 4 references: 2
German and 2 English.

ASSOCIATION: Katedra Chemii Organicznej Uniwersytetu Łódzkiego (Łódz University, Department of Organic Chemistry)

PRESENTED: March 14, 1959



Card 1/1

SLAWINSKI, Waclaw

Exact digging in decreases the consumption of explosives and speeds up the progress of the working end. Wiadom gorn 13 no.12:452-453 D '62.

1. Technik strzelnicy, Kopalnia Jowisz.

SLAWINSKI, Wiktor

Activities of the Association of Friends of History and
Monuments. Wiadom gorn 10 no. 7/8:271 Jl-Ag '59.

SLAWINSKI, Wiktor

From the activities of the association. Wiadom gorn 12 no.9:
316 S '61.

SLAWINSKI, Zygmunt, mgr inż.; KORPELSKA, Elzbieta, mgr inż.

Attempt to compare Polish and foreign prices of chemical
articles. Chemik 18 no.2:43-47 F '65.

1. Department of Economic Studies and Analyses of the Institute
of General Chemistry, Warsaw.

SLAWINSKI, Z.

POLAND/Chemical Technology. Chemical Products and Their Application.
Synthetic Polymers. Plastics.

H-29

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 16162.

Author : Slawinski Z.

Inst :
Title : Development of Worldwide Industry of Plastics and Prospects
of the Development of the Production of Plastics in Poland.

Orig Pub: Przem. chem., 1957, 13, No 1, 2-10.

Abstract: Data are presented showing the increase of worldwide production of plastics and also the development of the manufacture of plastics in individual countries during the period of 1920-1955. In 1955 there were produced in Poland 8200 tons of thermosetting plastics (TS) and 1200 tons of plastics based on natural high-polymers; it is planned to produce in 1960 38000 tons of TS and 15000 tons thermoplas-

Card : 1/2

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310018-5"

Card : 2/2

FILE:	: Phenolic Raw Materials for the Manufacture of Phenol Type Plastics in Poland
ORIG. PUB.:	: Przem. chem., 1958, 37, No 10, 621-627
ABSTRACT:	: Reviewed is further expansion of raw materials for the synthesis of phenol type plastics employing m-cresol, tricresol and xylenols. -- L. Sedov.
	*Plastics.
CARD:	1/1

Possibilities of replacing steel and cast iron in...

P/014/61/040/002/001/004
A221/A126

action is being used in industry as substitutes for metals. In Poland the corresponding figure for 1959 was only 2% and will have increased to 6% by 1965. Production of plastics in Poland amounted to 37,500 tons in 1959 and by 1965, it will increase to 180,000 tons; this will not alleviate the expected steel deficit of around one million tons annually. The author arrived at following conclusions: Substantial increase of steel replacement in industry will only be possible if the economic policy will be properly adjusted. It will be necessary 1) to increase the production of industrially important plastics like phenole-based plastics, styrene co-polymers, vinylchloride co-polymers, polymethyl-metacrylate, polyester laminates, epoxy resins, polyamides, polycarbonates, polyformaldehydes, fluorine based plastics and the pentone; 2) to increase the range of sizes of plastic semi-products like plates and tubes; 3) to carry on extensive research in order to establish several important properties of Polish plastics, like mechanical strength under long-lasting stresses at higher temperatures, resistance to corrosion, friction coefficient, to obtain thus the necessary data for designers; 4) to organize special centers in designing offices, the duty of which will be to design machine and apparatus components from plastics; 5) to standardize plastics production.

There are 3 tables.

ASSOCIATION: Instytut Tworzyw Sztucznych (Plastics Institute)

Card 2/2

Chwalek P. i JEGOROWICZ, Aleksander

Use of curves in forecasting the development of the chemical
industry. Przem. chemiczny 42 no.10:540-544 6'63.

I. Wydział Badan i Analiz Ekonomicznych, Instytut Chemiczny,
Warszawa.

POLAND / Chemical Technology. Chemical Products and
Their Applications. Fertilizers.

H

Abs Jour: Ref Zhur-Khimija, 1959, No 4, 12404.

Author : Bobrownicki, Wladzimierz; Kubicki, Josef; Schroeder, Jerzy; Slawski, Kazimierz...

Inst : Not given.

Title : Fused Magnesium-Sulfate-Phosphate.

Orig Pub: Chem. stosow., 1957, 1, No 1, 65-79.

Abstract: Conditions and a mechanism for obtaining fused Mg-phosphate are investigated. It was established that with fusing of apatite with $MgSO_4$, the reaction $Ca_3(PO_4)_2$ plus $3MgSO_4$ equals $Mg(PO_4)_2$ plus $3CaSO_4$ occurs on the whole, through which the $CaSO_4$ which is formed possesses a different degree of hydration. Simultaneously a physical process

Card 1/3

POLAND / Chemical Technology. Chemical Products and H
Their Applications. Fertilizers.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12404.

Abstract: of decomposition of the apatite occurs in a reaction product with the formation of a vitreous amorphous phase, which is easily soluble in 2% citric acid (I).

Devitrification of the product by heating to a softening temperature with subsequent slow cooling decreases its solubility in I and causes the appearance of apatite. The degree of P_2O_5 transfer into a form soluble in I depends not only on the ratio of $MgSO_4$: apatite, but also on the method of cooling. Products containing 20-24% P_2O_5 , soluble in I, are obtained by rapid cooling of the fusion at a 1150° temperature. The addition of some % of

Card 2/3

27

BOBROWNICKI, Włodzimierz; KUBICKI, Józef; SLAWSKI, Kazimierz

Decomposition of apatite in tri-magnesium phosphate. *Chemia stlaow* 3
no.3:353-360 '59.

1. Zaklad Fizykochemicznych Podstaw Technologii, Instytut Chemii
Fizycznej, Polska Akademia Nauk, Wrocław i Katedra Technologii
Nieorganicznej, Politechnika, Wrocław.

Pseudobinary section $\text{Ca}_3(\text{PO}_4)_2$ - $\text{Mg}_2(\text{PO}_4)_3$ in the ternary system $\text{CaO}-\text{MgO}-\text{P}_2\text{O}_5$. Włodzimierz Bobrownicki and Kazimierz Sławski (Politechnika, Wrocław, Poland). *Roczniki Chem.* 33, 251-4 (1959) (English summary); cf. *C.A.* 52, 5722a.—The section $\text{Ca}_3(\text{PO}_4)_2$ (I)- $\text{Mg}_2(\text{PO}_4)_3$ (II) is pseudobinary. There are a peritectic at 48% II and 1169°, and one eutectic at 88% II and 1111°. A double compnd. $\text{Ca}_3\text{Mg}(\text{PO}_4)_3$ (III) is formed at 1180° with a significant thermal effect. The results are confirmed by thermal, x-ray, and microscopic analysis and by sp. vol. detns. Solid solns. are formed in this system. Addn. of II to I stabilizes the low-temp. phase of I. Addn. of I to II does not practically lower the temp. of transition of α -II to β -II (1055°). III shows high solv. in 2% citric acid. II lowers the solv. of I, whereas addn. of I to II does not affect the solv. of the latter.
A. Kręglewski

BOBROWNICKI, W.; SLAWSKI, K.

Pseudobinary section $\text{Ca}_2\text{P}_2\text{O}_7$ — $\text{Mg}_2\text{P}_2\text{O}_7$ in the ternary system
 CaO — MgO — P_2O_5 . Bul chim PAN 8 no. 5:261-264 '60.
(EEAI 10:9/10)

1. Institute of Physical Chemistry, Polish Academy of Sciences.
Department of Industrial Inorganic Chemistry Technology, Wrocław.
Presented by W. Bobrownicki.

(Carbon) (Phosphorus) (Oxides) (Magnesium)

BURAKOWSKI, Jerzy; SIAWSKI, Kazimierz

Determination of potassium in potassium salts with the Geiger-Mueller counter and flame photometer. Chem anal 6 no.6:929-936
'61.

1. Department of Inorganic Technology, Politechnical College,
Wroclaw, and Department of Physics, Academy of Medicine,
Wroclaw.

SLAWSKI, Kazimierz, dr

Studies on obtaining phosphorous fertilizers on the basis of calcium and magnesium metaphosphates. *Wiad chem* 17 no. 6: 380-384 Je '63.

1. Katedra Technologii Nieorganicznej, Politechnika, Wroclaw.

STUDIA WROCŁAWI, WIDZIMIERZ, MAŁEK, Kazimierz

Studies on the possibility of using magnesium metaphosphate
for fertilizing purposes. Chemia stosow 8 no, 1:3-15 '64.

1. Laboratory No. 3, Department VII, Institute of Physical
Chemistry, Polish Academy of Sciences and Department of
Inorganic Technology, Technical University, Wrocław.

LUKOVTSOV, P.D.; SLAYDIN', G.Ya.

Oxygen overvoltage and potential drop curves of a nickel oxide
electrode. Zhur.fiz.khim. 36 no.10:2268-2271 O '62.

(MIRA 17:4)

1. Institut elektrokhimii AN SSSR.

SLAYDIN', G.Ya.; LUKOVTSEV, P.D.

Effect of the alkali cation on the diffusion of protons in
nickel oxide. Dokl. AN SSSR 142 no. 5:1130-1133 F '62.
(MIRA 15:2)

1. Institut elektrokhimii AN SSSR. Predstavleno akademikom
A.N.Frumkinym.

(Nickel oxide)
(Electrochemistry)
(Protons)

s/0076/64/038/003/0556/0561

ACCESSION NR: AP4033395

AUTHOR: Lukovtsev, P. D. (Moscow); Slaydin', G. Ya. (Moscow)

TITLE: The rate of diffusion of protons in nickel oxides and the oxygen over-voltage on nickel oxide electrodes.

SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 3, 1964, 556-561

TOPIC TAGS: nickel oxide electrode, oxygen overvoltage, proton diffusion, electro-chemical property

ABSTRACT: The purpose of this work was to investigate further the diffusion of protons in nickel oxides and the effect of impurities in the solution on the rate of diffusion of protons and oxygen overvoltage. The rate of diffusion of protons through the nickel oxide film and the oxygen overvoltage of this film have been investigated in 3.3 N KOH with additions of Zn (II), Al (III), W (VI) and Mo (VI) ions by means of a nickel diffusion electrode coated on one side with nickel oxide film. It was found that the addition of Zn (II) and Al (III) ions to KOH solutions increases the oxygen overvoltage and lowers the rate of diffusion of protons through the oxide film over the entire range of investigated potentials. The

Card 1/2

1. SLAYDINS, J.
2. USSR (600)
4. Penicillin
7. Concentration of penicillin in blood after intra-arterial injection.
Latv. PSR Zin. Akad. Vestis, no. 9, 1950.
9. Monthly List of Russian Accessions, Library of Congress, March 1953.
Unclassified.

SLAYDYN, Ya. A.

SLAYDYN, Ya. A. -- "Intraarterial Introduction of Medication During Treatment of Suppurative Diseases." Acad Sci Latvian SSR. Inst of Experimental Medicine, 1954 (Dissertation for the Degree of Candidate of Medical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

SLAYIK, J.; TICHY, J.; PODOBISKY, J.

Research of high-pass acoustic filters, p. 67

Ceskoslovenska vedecka technika spolecnost pro zdrovotni techniku a
vzduchotechniku, Praha, Czechoslovakia, Vol. 4, 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol.8, No. 7, July 1959.
Uncl.

Slbolevskiy, I.A.

USSR/Solid State Physics - Mechanical Properties of Crystals
and Polycrystalline Compounds.

E-10

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 11929

Author : Slbolevskiy, I.A.

Inst :

Title : Softening of Iron Alloys.

Orig Pub : Nauch. tr. Dnepropetr. Metallurg. in-ta, 1956, vyp. 33,
351-356

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310018-5"

CAPUSAN, I., dr.; BALOIU, P.; PINTICAN, E.; PRECUP, C.; RADU, H.; SLEAM, C.;
STERN, A.; TOMA, V.

Clinical and bacteriological data on staphylococcal dermatitis cases observed
in the Cluj Dermatological Clinic between 1956 and 1959. Microbiologia
(Bucur) 6 no.1:23-24 Ja-F '61.

3

SLEBINGER, V.

Development and problems of energetics in Yugoslavia. p. 175.

(ELEKTROTEHNISKI VISTNIK. Vol. 25, No. 5/6, May/June 1957, Ljubljana, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

KOWALSKI, Marian; SLEBODA, Krystyna

A focus of food poisoning caused by S. typhimurium. Przegl. epidem.
15 no.1:87-88 '61.

1. Z Oddzialu Zakaznego Szpitala Miejskiego im. Jonstona i z Miejskiej
Stacji Sanitarno-Epidemiologicznej w Lesznie Wlkp. Dyrektor: dr med.
M.Kowalski.
(SALMONELLA INFECTIONS epidemiol)

CHODCZYKA, Sofia; RABICZKA, Halina; STAPINSKA, Janina; WOJTCINSKA,
Aleksandra

(In some aspects of Turner's syndrome in children. Endokr. Pol.
15 no. 5:535-545 5-7 '74)

*„I Klinika Dziecięca Akademii Medycznej w Krakowie (Kierownik:
prof. dr. T. Giza)."*

A

SLEBODZINSKI, A.

Attempted estimation of the amount of methylthiouracil needed for partial or total blocking of thyroid substance synthesis in ruminating animals. Acta physiol.polon. 11 no.5/6:894 '60.

1. Z Zakladu Fizjologii Zwierzat W.S.R. w Krakowie. Z Laboratorium Biochemicznego Inst. Zootechn. w Krakowie. Kierownik: prof.dr Z. Ewy.
(THIOURACIL pharmacol)

SLEBODZINSKI, Andrzej

The influence of short-lasting changes of ambient temperature on the rate of release of hormonal iodine from the thyroid gland. Acta medica polona 3 no.2:191-202 '62.

1. The Biochemical Department, Zootechnical Institute, Cracow
Director: Professor Dr Z. Ewy.
(THYROID GLAND physiol.) (TEMPERATURE)
(IODINE ·metab.)

CZECHOSLOVAKIA

Z. EWY and A. SLEBCOZLINSKI, Chair of Animal Physiology [original version not stated] Head Prof Dr Z. Ewy, WSR [Wyższa Szkoła Rolnicza, Agricultural College], Krakow.

"Changes in Thyroid Gland Activity in Animals as Effect of Stilbestrol."

Prague, Veterinarni Medicina, Vol 7, No 12, Dec 62; pp 855-858.

Abstract [French summary modified]: In 22 adult 2- or 4-year old sheep and 34 rabbits aged 4, 7 and 10 months, NaI¹³¹ or carrier-free I¹³¹; determine a. thyroid accumulation; b. PBI conversion, c. radioactivity release by thyroid and d. with methylthiouracil. In sheep, minimal p.c. methylthiouracil required is 0.52 mg./Kg./day; stilbestrol 250 mg./sheep for 5 days, or 1 mg./rabbit once; PBI formation in control sheep during 24 hours after I¹³¹ is 7.9 ± 2.6%, in estrogenized 12-3.1% (P=0.05). In sheep given 250 mg. stilbestrol for 40 days decreased peripheral thyroxine utilization from 2% in controls to 1.7% per hour, in direct proportion to radiothyroxinemia (from 40.9 to 34); P=0.05. Four Western references.
"Growth-promoting" effect of stilbestrol is at least partly via thyroid.

1/1

SLEBODZINSKI, Andrzej

Determination of the amount of methylthiouracil required for the complete or partial inhibition of thyroid hormone synthesis. Endodr. pol. 13 no.1:37-45 '62.

1. Instytut Zootechniki, Laboratorium Biochemic^{ne} w Krakowie
Kierownik: prof. dr Z. Ewy.
(THIOURACIL pharmacol) (THYROID GLAND pharmacol)

HORNIK, Norbert; SLEBODZINSKI, Andrzej; JELOMEK, Adam

Studies on the L-thyroxin-I-131 uptake by erythrocytes in vitro
(Hamolsky's test) in children. Endodr. pol. 13 no.1:87-94 '62.

1. I Klinika Dziecieca A.M. w Krakowie Kierownik: prof. dr T.Giza,
Katedra Fizjologii Zwierząt W.S.R. w Krakowie Kierownik: prof. dr
Z. Ewy.
(THYROXIN blood) (ERYTHROCYTES metab)

SLEBODZINSKI, Andrzej; WOJCIK, Kazimierz

The protein level and the trend of changes in serum protein fractions
in sheep receiving estrone injections. Acta physiol. polon. 13 no.4:
501-509 '62.

1. Z Laboratorium Biochemicznego Instytutu Zootechniki w Krakowie
i Zakladu Fizjologii Zwierzat Wyższej Szkoły Rolniczej w Krakowie
Kierownik: prof. dr Z. Ewy.
(BLOOD PROTEINS) (ESTRONE)

SLEBODZIŃSKI, Andrej

Observations on the influence of stilboestrol on iodine economy
of the body in intact guinea pigs. Acta med. Pol. 4 no.4:399-409
'63.

1. Biochemical Department, Institute of Animal Husbandry, Cracow.
Dyrektor: Prof. Dr Z. Ewy.

*

POLAND

SLEBODZINSKI, Andrzej, Biochemical Laboratory (Laboratorium Biochemiczne), Zootechnical Institute (Zaklad Zootechniki) in Krakow (Director: Prof. Dr. Z. Ewy)

"Effect of Estrogens on Thyroid Activity and Iodine Metabolism in the System."

Warsaw. Postepy Higieny i Medycyny Doswiadczonej, Vol 17, No 1-2, 63, pp 149-160.

Abstract: Author points to experimental difficulties encountered in the attempts to determine the effect of estrogens on the activity of the thyroid and on iodine metabolism, and summarizes experiments and findings under the headings: I. Accumulation of radioactive iodine in the thyroid during estrogen administration, II. Effect of estrogens on PBI and TBG levels, III. Effect of estrogens on velocity of thyroid secretion and thyroxin absorption in peripheral tissues, IV. The hypophysis-thyroid system in animals with estrogen administration. In V he attempts a summary of the inconclusive findings, pointing out that the apparent conflicts are due to our insufficient knowledge. The 92 references are primarily western.

1/1

- 13 -

SLEBODZINSKI, Andrzej

Measurement of the uptake of labeled iodothyronine by animal erythrocytes *in vitro*. Endokr. Pol. 15 no. 5:521-528 3-4 '64

I. Laboratorium Biochemiczne Instytutu Zootechniki w Krakowie
(Kierownik: prof. dr. Z. Ewy).

SLESODZINSKI, Andrzej

Physiological changes in binding capacity of triiodothyronine
labeled with I-131 by plasma proteins. Endokr. Pol. 15 no.6z
637-642 N-D '64

I. Laboratorium Biochemiczne Instytutu Zootechniki w Kra-
kowie (Kierownika prof. dr. Z. Bry).

SLEBODZINSKI, J.

"Technology of quarrying building stone." p. 322. (MATERIALY BUDOWLANE, Vol. 8, no. 12,
Dec. 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 5, May 1954, Unc1.

SLEBUDZINSKI, J.

An attempt at introducing standards for definition of properties of stone
deposits. p. 176.
(MATERIALY BUDOWLANE. Vol. 12, no. 6, June 1957., Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) Lt. Vol. 6, no. 12, Dec. 1957.
Uncl.

SLEBODZINSKI, Jerzy, mgr.inz. (Krakow)

Measurements made in opencast mining by deep hole firing. Cement
wapno gips 17 no 4:102-105 Ap '62

SLEBODZINSKI, Jerzy, mgr inz.

Preliminary evaluation of the profitability of strip-mine
winning of ores in deposits. Rudy i metale 8 no. 11:418-423
N '63.

SLEBODZINSKI, TADEUSZ

Badania nad otrzymywaniem sztucznych tworzyw z węgla brunatnego lignitowego. Katowice, Państwowe Wydawn. Techniczne, 1953. 47 p. (Prace Głównego Instytutu Górnictwa. Seria B. Komunikat nr. 90) [Research on the production of plastics from lignitic brown coal. English, French, and Russian summaries. illus., bibl.]

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress,
March 1954, Uncl.

SLEBODZINSKI, T.

② 3

Artificial plastics from brown lignite coals. T. Sledzinski
*(Prace Główne Inst. Górnictwa, 1953, Comin. 30, 47 pp.; B.C.U.R.A. Mon.
Bull., 1953, 17, 298).*—Lignite pretreated with 15% HCl con-
denses with furfuraldehyde in presence of 0.1 pt. of conc. HCl to give
a plastic material of toughness 3.5—4 cm.-kg./sq. cm., and dielectric
constant 12—18. The dark-coloured material does not show any
flow during processing. Improved products may be obtained by
degrading lignites before condensation (method unspecified).
Lignites can be used as fillers for phenol-formaldehyde resins.

B.C.U.R.A. (C).

Selected notes T.

✓ Separation of nitroparaffins from their mixtures and identification of mononitro compounds. T. Ślebodziński and L. Mukaruk. Bull. Acad. polon. sci., 1955, 377-81. 2
Hexane was nitrated with NO_2 and the resulting mixt. of lower primary and secondary mononitroparaffins was sepd. by coupling with diazonium compds. The following new compds. were sepd. and identified: the phenylhydrazones of 1-nitrobutanal, m. 68-7°, and 1-nitrohexanal, m. 57-60°; the *p*-nitrophenylhydrazones of 1-nitrobutanal, m. 120-1°; 1-nitropentanal, m. 118.5-19°, and 1-nitrohexanal, m. 116.5-18°. N. E. Pickering

4
PM

SLEBODZINSKI, Tadeusz; BIMER, Jan; SALBUT, Daniel

Nitration of paraffins. Przem chem 41 no.1:18-20 Ja '62.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa

ŚLĘBODZIŃSKI, WŁADYSLAW,

ŚLĘBODZIŃSKI, WŁADYSLAW: The Merits of Descartes For the Modern Development
of Mathematics.

Spk
Ślębodziński, Władysław. Les mérites des Descartes pour
le développement moderne des mathématiques. Kwartalnik
Filozoficzny 19, 67-70, 166-167 (1950). (Polish,
French summary).

Spk

Source: Mathematical Reviews.

Vol. 12 No. 1

ŚLEBODZIŃSKI, W.

Ślebodziński, W. Sur les espaces à parallélisme absolu doués d'une connexion semi-symétrique. Colloquium Math. 2, 142-148 (1951).

If an n -space of distant parallelism is semi-symmetric, then its torsion tensor has the form $\delta_j \varphi_i - \delta_i \varphi_j$. The problem is to find all such spaces, given the φ_i . If ρ of the φ_i are independent, the solution depends on an arbitrary function of ρ variables. The solution is explicitly given.

J. L. Vanderslice (College Park, Md.).

Symm. *[initials]*

Source: Mathematical Reviews,

Vol. 13 No. 3

~~SLEBODZINSKI, W.~~

SLEBODZINSKI, W

Mathematical Reviews
Vol. 14 No. 11
December, 1953
Geometry.

Ślebodziński, W. Sur les déformations de l'espace basé sur le groupe $x = hx + a$, $y = kx + h^ny + b$. Ann. Soc. Polon. Math. 25 (1952), 231-237 (1953).

On désigne par G_4 le groupe de transformations linéaires à quatre paramètres $x = hx + a$, $y = kx + h^ny + b$, et par E_2 l'espace affine à deux dimensions dont la géométrie est déterminée par G_4 . On appelle déformation de l'espace E_2 une transformation ponctuelle T telle que deux morceaux infiniment petits, qui se correspondent par T , puissent se déduire l'un de l'autre, aux infiniment petits d'ordre deux près, par une transformation du groupe G_4 . Les déformations de l'espace E_2 constituent un groupe infini de transformations à deux variables dépendantes de deux fonctions arbitraires d'une argument. On l'appelle groupe de déformations de l'espace E_2 et on le désigne par Γ . Les invariants, par rapport à Γ , des objets géométriques de l'espace E_2 sont appelés leurs invariants de déformation. L'auteur étudie les invariants par rapport à Γ de la famille de courbes définies par l'équation différentielle $dy/dx = f(x, y)$. K. Yano.

~~SLEBODZINSKI~~

SLEBODZINSKI, W.

Slebodziński, Władysław. Géométrie textile et les espaces
a connexion affine. Rozprawy Mat. 3, 34 pp. (1953).

The author presents a new method of studying the invariants of sets of curves or hypersurfaces in an n -dimensional space. He shows that the nets consisting of n or $n+1$ families of curves or of $n+1$ families of hypersurfaces can be put into one-to-one correspondence with the paths of a variety with a particular affine connection (P). The invariants of the nets are then studied by known methods which apply to such a variety.

The first chapter considers conditions on a symmetric affine connection such that the paths can be separated into ∞^{n-1} congruences whose directions are in homographic correspondence at different points. From this connection a second connection (P) is derived which is non-symmetric and which results in absolute parallelism of vectors. A solution is given to the problem of the equivalence of two varieties with the connection (P). In Chapter II the invariants of a net of three families of curves in the plane are obtained. In Chapter III the same problem is treated for families of $n+1$ curves or hypersurfaces in a space of n -dimensions. The solution depends upon the properties of the connection (P). Chapter IV considers the situation for n families of curves in an n -space. C. B. Allendoerfer.

Mathematical Reviews
Vol. 15 No. 2
Feb. 1954
Geometry

Śiebedziński, Władysław

✓ Śiebedziński, Władysław. Formes extérieures et leurs applications. Vol. I. Monografie Matematyczne, Tom XXXI. Państwowe Wydawnictwo Naukowe, Warszawa, 1954. vi+154 pp. zł. 24.60.

1 - F/R

MS

This is the first of two volumes on the subject of exterior forms and their applications. It is devoted to an exposition of the algebra of exterior forms, whereas the second volume, as yet unpublished, will be concerned with questions of analysis. Volume I comprises four chapters. The first covers the basic definitions and algebraic notions, including that of the derivative and rank of an exterior form. A section on divisibility is also included. Chapter II is on exterior equations and is the algebraic preparation for exterior differential systems. Regular and singular solutions and the characters of a system are all discussed as are characteristic elements and the class of a system. Special attention is given to systems containing only linear and quadratic forms. Chapter

(over)

SUBJECT INDEX

III gives an exposition of symplectic space and the symplectic group (as the group of linear transformations leaving invariant a quadratic exterior form) and includes a discussion of the invariants of an exterior quadratic form under the symplectic group. Chapter IV gives three further applications of exterior forms: the fundamental theorems of determinant theory, infinitesimal rotations, and linear complexes. A short bibliography is included here and a complete bibliography of the subject is promised in the second volume. The treatment throughout is in terms of classical tensor calculus and some knowledge of this is assumed on the part of the reader. The book is compact and readable and should be of interest to those who wish to study the theory of exterior differential systems as developed by E. Cartan.

W. M. Boothby (Evanston, Ill.).

2:

2-

ŚLEBODZIŃSKI, W.

Ślebodziński, W. Algorithm of exterior forms. Prace Mat. I, 71-92 (1955). (Polish, Russian and English summaries)

The paper gives information on the fundamental concepts and theorems of the exterior form calculus and surveys applications in the theory of Pfaff's equations, in differential geometry, in the theory of groups and the theory of integral invariants.

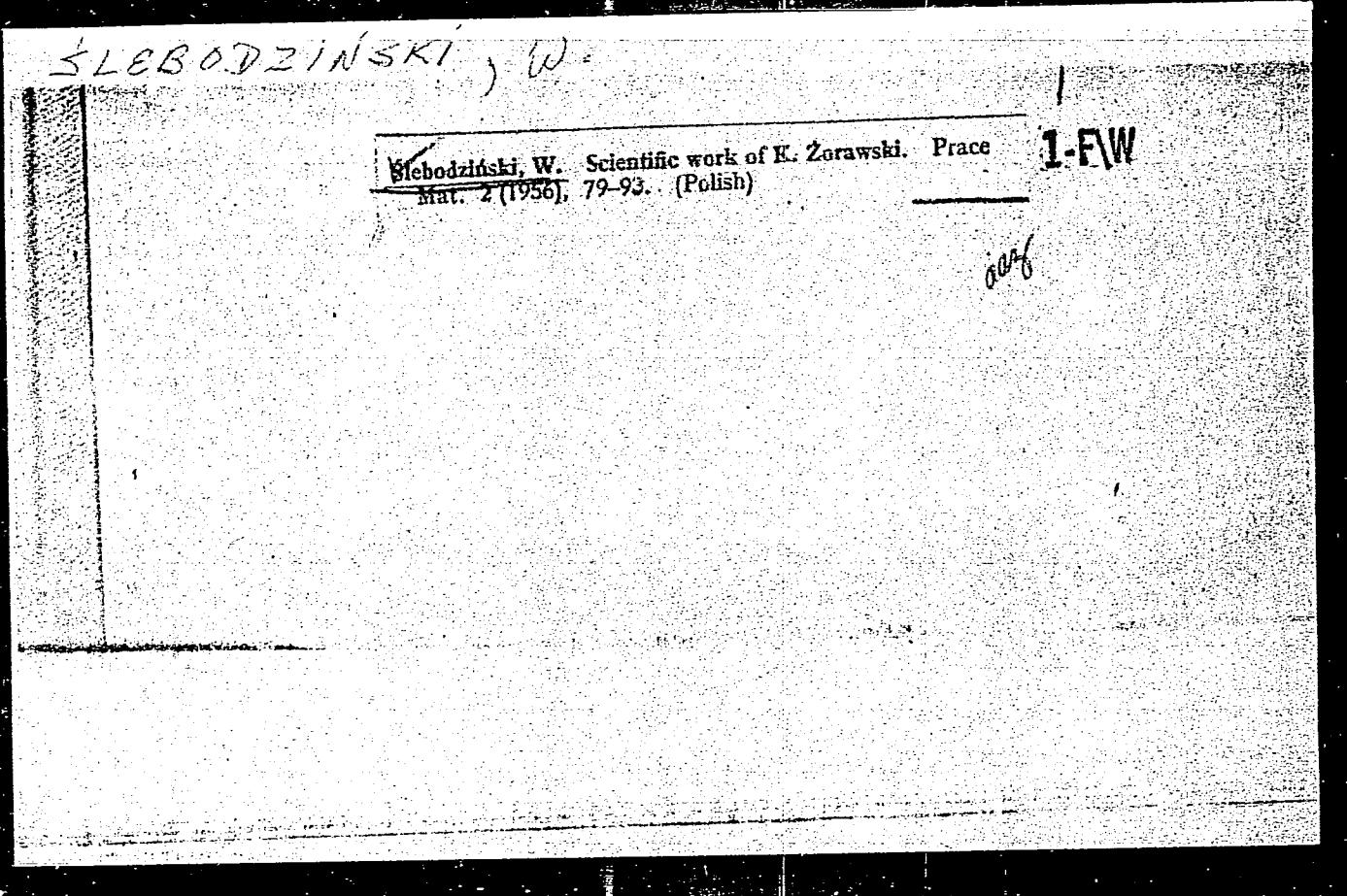
Author's summary.

1-F/W

SLEPODZINSKI, W.

Sur l'équivalence des formes différentielles extérieures du second degrés. Państwowe Wydawn. Naukowe, 1956. 32 p. (Rozprawy matematyczne, 11) (Equivalence of the external differential forms of the second degree. In French, bibl.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept, 1957 Uncl.



APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001651310018-5"

SLEBODZIINSKI, W.

"Scientific works of Kazimierz Zorawski. In French."

p. 74 (Colloquium Mathematicum) Vol. 4, no. 1, 1956
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SLEBODZINSKI, W.

On the prolongations of linear connections. Bul Ac Pol mat 8 no.3:
145-150 '60.
(EEAI 9:11)

1. Instytut Matematyczny, PAN. Presente par E.Marczewski.
(Topology) (Groups, Theory of)

SLEBODZINSKI, Wladyslaw (Warsaw)

Polish Mathematical Society. Nauka polska 12 no. 3:139-148
My-Je '64.

SZEBRODZIENSKI, Wlodyslaw (Warsaw)

The Polish Mathematical Society. Review Pol Academy 9 no.3:51-55
J1-S '64.

SIEBODZINSKI, W. (roclaw)

Contribution to the differential geometry of a mixed tensor of
the valence two. Col. math 13 no. 1:49-54 '64.

1. Submitted June 13, 1964.

SIECHTA, I.

"Speeding the Mechanization of the Building Industry." p. 218 (Stavební Průmysl,
Vol. 3, no. 10, May 1953, Praha)

SC: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Uncl.

SIECHTA, E.

"Outstanding Achievement of the Builders of the Construction of Socialism on the Orava Dam in Slovakia." p. 245

"Directives Issued by the Construction Works in Trinec to Insure the Execution of the Government Paper on Socialist Competition." p. 246 (Stavební Průmysl, Vol. 3, no. 11, June 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress, Feb. 1954, Unclassified.

SLECHTA, E.

"Problems of Our Building Industry and of Socialist Architecture." p. 337 (Stavební Prumysl, Vol. 3, no. 15/16, Aug. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Uncl.

SLECHTA, E.

Comments about the article on insufficient planning in the coal
industry. p. 183.
ZA SOCIALISTICKOU VEDU A TECHNIKU, Prague, Vol. 4, no. 4, Apr. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

SLECOVNA 3.

National defense and tasks of building construction related to it. p. 145.
INZENYRSKE STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 4, no. 7,
Apr. 1954.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956